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FEDERAL AND GOVERNMENT-SPONSORED AGENCIES IN THE WATER RESOURCES FIELD: AREAS OF INTEREST AND INFORMATION SERVICES

D. A. Townson

Federal Water Pollution Control Administration
Philadelphia, Pennsylvania

February 1969

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Federal and Government-Sponsored Agencies in the Water Resources Field: Areas of Interest and Information Services

February 1969

U. S. Department of the Interior
Federal Water Pollution Control Administration
Delaware Estuary Comprehensive Study
Philadelphia, Pa. 19106

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FOREWORD

The purpose of this report is to provide information on the various Federal agencies that have an interest in the field of water resources. It is intended primarily as an information retrieval tool for use by the personnel of these agencies. It is hoped that knowledge of the subjects covered by related agencies, and the information available from them, will foster increased communication among all those having interests in common and decrease the incidence of duplication of effort.

The information contained in the report has been abstracted from A Directory of Information Resources in the United States -- Federal Government, published by the National Referral Center for Science and Technology. The original report contains information on all subjects rather than water resources in particular. The Center also publishes a directory concerned only with the subject of water (LC 1.31:D62/3) but this covers all sources of information rather than just Federal agencies. Both reports are available from the U. S. Government Printing Office. Further information may be available on an updated basis from the National Referral Center for Science and Technology, Library of Congress, Washington, D. C., 20540.

The present report was compiled from the original documents by D. A. Townson of the Delaware Estuary Comprehensive Study staff.

Additional copies are available from the Hudson-Delaware Basins Office, Federal Water Pollution Control Administration, Edison, New Jersey 08817.

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ADVISORY COMMISSION ON INTER-GOVERNMENTAL RELATIONS

726 Jackson Place, N. W.
Washington, D. C. 20575
(202-382-4953)

The Commission is composed of representatives of Federal, State, and local governments. It provides technical assistance in the review of proposed legislation at all governmental levels and makes recommendations regarding public problems requiring intergovernmental cooperation.

Areas of Interest: Public works; water and sewage; mass transportation; urban area problems; apportionment of legislatures; public finance; taxation; administrative controls for Federal grant programs; allocation of governmental functions.

Holdings: Catalogs and other information on Federal and State Aid programs. The Commission's library (202-382-5113) maintains a collection of books, journals, pamphlets, and bibliographies.

Publications: Technical reports (single copies are available without charge). A publication list is sent on request.

Information Services: Answers inquiries. The collections are accessible for on-site use.

ARKANSAS-WHITE-RED RIVER BASINS INTERAGENCY COMMITTEE

Address for FY 1969:
State Conservationist, USDA
5401 Federal Building
Little Rock, Ark. 72201
(501-372-5444)

This Committee represents the Departments of Agriculture, Army, Commerce, Health, Education, and Welfare, Interior, Labor, and the Federal Power Commission as Federal members and the eight States: Arkansas, Colorado, Kansas, Louisiana, Missouri, New Mexico, Oklahoma, and Texas. It coordinates the policies, programs, and activities of the members in the field of water and related land resources planning, development, and management in the three river basins: Arkansas, White, and Red.

Areas of Interest: Water and related land resources construction and development projects.

Publications: Reports; minutes of Committee meetings.

Information Services: Answers inquiries; makes referrals to appropriate Federal, State, and other organizations or specialists.

COLUMBIA BASIN INTERAGENCY COMMITTEE *

P. O. Box 4208
511 North West Broadway Street
Portland, Oregon 97208
(503-226-2446)

This Committee, representing seven Federal agencies and the agencies of the States of Idaho, Montana, Nevada, Oregon, Utah, Washington, and Wyoming, coordinates the policies, programs, and activities of these agencies in regard to water and related land research in the Columbia River Basin.

Areas of Interest: Water and Land resource construction and development projects; economics of the Columbia River Basin; fisheries; hydrology; meteorology; mosquito control; power planning; recreation; water supply and water pollution control.

Holdings: Basic water resources data. (Committee documents on water research problems are held in the University of Washington Library).

Publications: Technical reports on water resources.

Information Services: Answers inquiries; makes referrals to appropriate Federal, State, and other organizations or specialists.

* No longer exists; activities taken over by:

Pacific Northwest River Basins Commission
110 East Thirteenth Street
Vancouver, Washington 98660
(206-694-2581) or (503-285-0467)

COMMITTEE ON WATER

National Academy of Sciences
Division of Earth Sciences
National Research Council
2101 Constitution Ave., N. W.
Washington, D. C. 20418
(202-961-1204)

Areas of Interest: Hydrology; water management.

Publications: Alternatives in Water Management (1966).

Information Services: Answers inquiries; makes referrals.

CONGRESS OF THE UNITED STATES

HOUSE COMMITTEE ON MERCHANT MARINE AND FISHERIES

Room 1334, Longworth House Office Bldg.
New Jersey and Independence Aves., S. E.
Washington, D. C. 20515
(202-225-4047)

Areas of Interest: Merchant marine, including the regulation of common carriers by water (except matters subject to the jurisdiction of the Interstate Commerce Commission); lights and signals, lifesaving equipment, and fire protection on merchant marine vessels; registering and licensing of vessels and small boats; merchant marine officers and seamen; navigable waters and navigation; rules and international arrangements to prevent collisions at sea; Coast Guard, including lifesaving service, lighthouses, lightships, and ocean derelicts; Coast Guard and Merchant Marine Academies; Coast and Geodetic Survey; Panama Canal; administration, sanitation, and government of the Canal Zone; inter-oceanic canals generally; marine science and engineering; control of pollution caused by discharges of vessels on inland waterways; fisheries and wildlife (research, restoration, refuges, and conservation).

Publications: Reports and transcripts of hearings.

Information Services: Answers inquiries.

HOUSE COMMITTEE ON PUBLIC WORKS

Room 2165, Rayburn House Office Bldg.
South Capitol St. and Independence Ave.
Washington, D. C. 20515
(202-225-4472)

Areas of Interest: Economic development programs; public buildings and grounds; Appalachian Regional Development Act; Federal-aid highway program; small watersheds; water resources; water pollution control; rivers and harbors; flood control; hydro-electric power.

Information Services: Answers inquiries concerning activities in the Committee's areas of interest.

SENATE COMMITTEE ON INTERIOR AND INSULAR AFFAIRS

Room 3106, New Senate Office Bldg.
Constitution Ave. and 1st St., N. E.
Washington, D. C. 20510
(202-225-4971)

Areas of Interest: Nationwide water resource and hydroelectric power development; desalination; river basin and regional water research and planning programs; national parks and outdoor recreation; coordination of State outdoor recreation activities; irrigation and water quality control; public lands, including the Outer Continental Shelf; mines and mining; American Indians; offshore dependent areas; environmental studies.

Publications: Reports; transcripts of hearings; special studies.

Information Services: Answers inquiries; provides reference services.

SENATE COMMITTEE ON PUBLIC WORKS

Room 4204, New Senate Office Bldg.
Constitution Ave. and 1st St., N. E.
Washington, D. C. 20510
(202-225-6176)

Areas of Interest: Public works legislation relating to water resources conservation and development, rivers and harbors, beach erosion, hydroelectric power, pollution abatement in air and water, highway construction, public building, and regional economic development.

Publications: Reports; transcripts of Committee hearings.

Information Services: Answers inquiries; makes referrals. The Committee has available for loan or sale two 16mm films: Senate Film Report No. 1, Troubled Waters (on the problem of water pollution in the U. S.) and Senate Film Report No. 2, Ill Winds on a Sunny Day (on the severity of the air pollution problem). Inquiries regarding these films should be addressed to the Committee.

DELAWARE RIVER BASIN COMMISSION

P. O. Box 360
25 Scotch Road
Trenton, New Jersey 08603
(609-883-9500)

The Commission, consisting of representatives of the U. S. Government and the States of Pennsylvania, New Jersey, New York, and Delaware, is responsible for planning, executing, and controlling water resources activities within the Delaware River Basin.

Areas of Interest: River basin planning and development; water supply; precipitation; runoff; ground water; water use and reuse; water quality; water economics; water law; water rights; pollution control; flood control; watershed treatment facilities; hydro-electric power; estuaries; salt water intrusion; weather modification.

Holdings: Data collection and small library of publications, maps and charts, photographs, and slides.

Information Services: Answers technical inquiries; makes referrals; prepares bibliographies, permits on-site use of the library. Stream-stage and ground-water level forecasting data are distributed without charge.

DEPARTMENT OF AGRICULTURE

One of the chief missions of the U. S. Department of Agriculture is the acquisition and diffusion of useful information on food and agriculture. Implementing this function are the Department's activities in agricultural research, education, marketing, regulatory work, rural development, conservation, and forestry. The three principal sources of information are: the Agricultural Research Service, which conducts research leading to improvements in agricultural engineering, animal health, conservation, quality control, and utilization of agricultural products; the Forest Service, which manages the National Forests and is concerned with forest economics, flood prevention, forest products, and watershed management; and the National Agricultural Library and its branches.

SOIL AND WATER CONSERVATION RESEARCH DIVISION

Agricultural Research Service
Plant Industry Station
Beltsville, Md. 20705
(301-474-6500, Ext. 571)

Areas of Interest: Watershed engineering (runoff, peak flow, flood damage, ground water, stream channel stabilization, sediments, conservation structures, water yield); water management (irrigation, drainage, control of seepage, water control and conservation, crop residues, soil blowing, fertility, salinity, alkali problems, pesticides residues, microclimatology, soil-plant relationships, basic soil problems).

Holdings: Soil, sediment, and water samples; research data; books, journals, and reports.

Publications: Hydrologic Data for Experimental Agricultural Watersheds in the U. S.; an annual multipurpose report; abstracts on soil and water conservation; books and bibliographies.

Information Services: Answers inquiries concerning the Division's research program; makes referrals.

WATER CONSERVATION LABORATORY

Soil and Water Conservation Research Division
Agricultural Research Service
Route 2, Box 816-A
Tempe, Arizona 85281
(602-261-4367)

Areas of Interest: Seepage losses; atmospheric and related boundary mechanisms in plant, soil, and water surfaces; measurement, evaluation, control of infiltration to conserve water; water losses in soil by surface evaporation; uptake and disposal of water by plants in arid climates.

Information Services: Answers inquiries regarding the Laboratory's research program.

NATURAL RESOURCE ECONOMICS DIVISION

Economic Research Service
Building RP-E, Room 308
Washington, D. C. 20250
(202-388-5613)

Areas of Interest: Economics of water and land utilization; legal-economic aspects of land and water use, land tenure, and resource income distribution; economics of recreation; natural beauty; urbanization or rural areas; economic framework for river basin and watershed development; river basin development; watershed program analysis; conservation and multiple use of resources.

Holdings: Reports and statistical data.

Information Services: Answers inquiries (particular attention is given to inquiries from research scientists.)

FARMERS HOME ADMINISTRATION

14th St. and Independence Ave., S. W.
Room 5014
Washington, D. C. 20250
(202-388-4031)

Areas of Interest: Financial and management assistance to farmers, local organizations, and public agencies; community water supply systems; sewage and waste disposal systems; soil conservation measures; land-use shifts to grassland, forestry, or recreation; watershed projects; rural area renewal and development.

Holdings: Films, photographs, slides, and clippings.

Publications: Pamphlets

Information Services: Answers inquiries regarding credit and grant services.

SOIL CONSERVATION SERVICE, INFORMATION DIVISION

Soil Conservation Service
Room 5118
12th St. and Independence Ave., S. W.
Washington, D. C. 20250
(202-388-4543)

Areas of Interest: Soil and water conservation; soil surveys; soil classification; soil chemistry; watershed protection; flood prevention; erosion control; water yield and use; irrigation and drainage; channel improvement; sediment yield and transport; snow surveys, water supply forecasts; planning for economic development.

Holdings: Literature and data collection.

Publications: Technical bulletins and handbooks.

Information Services: Answers inquiries; makes referrals. The literature collection is accessible for on-site use by approved visitors.

DEPARTMENT OF COMMERCE

The functions of the U. S. Department of the Commerce are to foster, promote, and develop the foreign and domestic commerce, the manufacturing and shipping industries, and the transportation facilities of the United States. Major information resources in the Department are the Bureau of the Census, the Coast and Geodetic Survey, the National Bureau of Standards, the Business and Defense Services Administration, the Patent Office, and the Weather Bureau. The Coast and Geodetic Survey and the Weather Bureau are now organizational units of the Environmental Science Services Administration, which also includes the Environmental Data Research Service, the Institutes for Environmental Research, and the National Environmental Satellite Center.

BUSINESS AND DEFENSE SERVICES ADMINISTRATION

14th St. and Constitution Ave., N.W.
Washington, D. C. 20230
(202-783-9200)

This agency provides active assistance to industry and commerce in the areas of industrial and market reporting, commodity-industry analysis, industrial mobilization, and trace opportunities. These programs are executed by 26 business and industry divisions, grouped by related industries into seven offices: Marketing and Services, Chemicals and Consumer Products, Industrial Equipment, Metals and Minerals, Minerals, Scientific and Technical Equipment, Construction and Materials Industries, and Textiles.

Areas of Interest: Business and industrial growth in the U. S.; industrial modernization and productivity. Government-business relations; defense production; industrial mobilization in national emergencies; exports; trade adjustment assistance.

Holdings: Trade association publications; catalogs; special tabulations and compilations of the Bureau of the Census; special reports; manuscripts.

Publications: U. S. Industrial Outlook (annual); Chemicals Industry Report; Containers and Packaging Report; Copper Industry Report; Printing and Publishing Industry Report; Pulp, Paper, and Board Industry Report (quarterly); Construction Review and Marketing Information Guide (monthly).

Information Services: Answers inquiries; provides data tabulations and consulting services on business and economic problems.

WATER INDUSTRIES DIVISION

Business & Defense Services Admin.
14th St. and Constitution Ave., N. W.
Washington, D. C. 20230
(202-967-4347)

Areas of Interest: Industrial water use (trends and projections for market research purposes); industrial pollution of water; materials and equipment for water supply and sewage systems; water works and sewage plant construction; water and sewage utilities (man-power and distribution of costs); capital investment values in water resources; agricultural, power, municipal, and rural water use.

Publications: Engineers Overseas Handbook; technical reports.

Information Services: Answers inquiries; makes referrals, provides assistance and advice to U. S. Consulting Engineers operating overseas.

OFFICE OF HYDROLOGY

Mailing Address:
Weather Bureau
Gramax Building
Silver Spring, Md. 20910
(301-495-2243)

Areas of Interest: Hydrometeorological criteria for development and management of water resources; standards for acquisition of data for hydrologic analyses and forecasts; estimated future frequencies and extreme values of storm rainfall, snow accumulation and melt rates, wind velocities, and rain sequences; water movement in all phases of the hydrologic cycle; forecasting river water levels; coordination of interregional hydrologic activities.

Holdings: Data and data compilations; daily river stages up to and including 1963.

Publications: Technical and research papers; hydrometeorological reports; water supply forecasts.

Information Services: Answers inquiries; makes referrals; provides consulting services to Government agencies.

DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

The U. S. Department of Health, Education, and Welfare administers those agencies of the Government that were established to promote the general welfare in the fields of health, education, and social security. The largest number of information resources in the Department are to be found in the Food and Drug Administration, the Office of Education, and the Public Health Service.

ENVIRONMENTAL CONTROL ADMINISTRATION

U. S. Public Health Service
Consumer Protection and
Health Service
222 East Central Parkway
Cincinnati, Ohio 45202
(513-684-3157)

Areas of Interest: Environmental health; solid waste disposal; sanitary engineering; urban and industrial health.

Publications: Environmental Health Series (technical reports on scientific studies and methods of analysis).

Information Services: Answers inquiries; makes referrals, distributes reports of completed studies.

ANALYTICAL REFERENCE SERVICE

Environmental Control Administration
222 East Central Parkway
Cincinnati, Ohio 45202
(513-871-1820, Ext. 293)

Areas of Interest: Evaluation methods of analysis in solid wastes, water supply, and food (including milk and shellfish).

Holdings: Analytical reports of completed studies

Publications: Reports of studies of methods of analysis (available on request).

Information Services: Answers inquiries; makes referrals; consults and cooperates with agencies throughout the U. S. and the world in studies to evaluate laboratory methods used in environmental health.

ENVIRONMENTAL SANITATION PROGRAM

U. S. Public Health Service
801 North Randolph Street
Arlington, Va. 22203
(703-557-1825)

Areas of Interest: Relationship of water quality to health; emergency water supply sources; individual water supply systems (for dwellings, farms, recreational or tourist accommodations, and other installations without access to public water systems); health aspects of swimming pool water quality.

Holdings: Technical reports; standards and specifications, technical reference materials.

Publications: Food Service Sanitation Manual; Environmental Health Practice in Recreational Areas.

Information Services: Answers inquiries; provides consulting services on individual water supply system problems to Federal, State, and local health agencies, national associations, and individuals.

WATER SUPPLY AND SEA RESOURCES PROGRAM

U. S. Public Health Service
801 North Randolph Street
Arlington, Va. 22203
(703-557-1871)

Areas of Interest: Public drinking water supply (source, storage, protection, treatment, distribution, and plumbing); water quality; toxicological evaluations of pesticides in water; health aspects of water pollution; water supply treatment and equipment for vessels and interstate carriers.

Holdings: Reports; historical documents; manufacturers' catalogs of water supply and treatment equipment.

Publications: PHS Drinking Water Standards; manuals of recommended practice such as Public Drinking Water Supply Evaluation, Evaluation of Water Laboratories, Water Supply and Plumbing Cross-Connection; technical reports, data compilations.

Information Services: Answers inquiries; provides consulting services; analyzes samples from selected public water supplies for Government agencies and State departments of health. An emergency information service on poisons accidentally introduced into public water supplies is available.

Calls or telegrams should be directed to:

Chief, Poison Control Branch
Division of Direct Health Services
U. S. Public Health Service
7915 Eastern Avenue
Silver Spring, Md. 20910
(301-495-5347)

NATIONAL FLUORIDATION INFORMATION SERVICE

Bureau of Health Manpower
U. S. Public Health Service
8120 Woodmont Avenue
Bethesda, Maryland 20014
(301-495-6251)

Areas of Interest: Fluoridation of public water supplies and pertinent legislation; chemical and engineering aspects of fluoridation and defluoridation of water supplies; chemistry of halogens in water; the role of fluorides in preventing dental caries; water supply engineering; dental health education.

Holdings: Documents and data on the biomedical, demographic, political, and engineering aspects of fluorides in public water supplies in more than 4,000 U. S. communities and in 50 foreign countries.

Publications: Fluoridation Census (annual).

Information Services: Answers inquiries; makes referrals; provides consulting services; analyzes fluoride content of water samples in emergencies and serves as final authority on questionable or contested analyses. Services are available to Government agencies, institutions, professional health personnel, scientists, and the public.

DEPARTMENT OF THE AIR FORCE

DIRECTOR OF CIVIL ENGINEERING

Headquarters
U. S. Air Force (AFOCEKC)
Washington, D. C. 20330
(202-697-7284)

Areas of Interest: Civil Engineering; military engineering; real estate; military construction; environmental pollution; sanitary and industrial waste treatment, collection, and disposal; water supply, treatment, and use at military installations.

Holdings: Design and maintenance manuals.

Publications: Design, maintenance, and operating manuals; drawings and specifications.

Information Services: Answers brief inquiries.

ENVIRONMENTAL HEALTH SECTION

Mailing Address: Directorate of Professional Services
Office of the Surgeon General
Headquarters USAF
Washington, D. C. 20333

Location: 3800 Newark Street, N. W.
Washington, D. C.
(202-696-9435)

Areas of Interest: Environmental health (medical supervision, rather than engineering aspects;) water quality and water supply at military installations.

Information Services: Answers inquiries; makes referrals.

DEPARTMENT OF THE ARMY

SANITARY SCIENCES LABORATORY

U. S. Army Engineer Research and
Development Laboratories
Fort Belvoir, Va. 22060
(703-780-1100, Ext. 45359)

Areas of Interest: Ground-water exploitation; well drilling; surface-water treatment; transportable purification processes; desalinization; removal of chemical, biological, and radiological warfare agents from water; sewage collection and disposal; sewage treatment for water reuse.

Holdings: Research data and technical reports.

Publications: Technical reports (a publications list is available).

Information Services: Answers inquiries; makes referrals.

FUNGICIDES AND GERMICIDES LAB.

U. S. Army Natick Laboratories
Natick, Mass. 01760
(617-653-1000)

Areas of Interest: Prevention of microbiological deterioration of materials; fungicides; germicides; chemical purification of water for individual use; water sterilization; water microbiology.

Publications: Technical reports.

Information Services: Answers inquiries; makes referrals.

DIRECTOR OF CIVIL WORKS

Office of the Chief of Engineers
Washington, D. C. 20315
(202-697-2925)

Areas of Interest: Civil engineering; refuse pollution, including oil pollution under Act of 1899; water resources; water storage; flood protection; harbors; inland waterways; rainfall-runoff relations; structural design, including web-reinforcement; new structural materials; earthquake effects; excavation techniques, including the use of nuclear explosives.

Holdings: Data compilations and technical reports.

Publications: Pamphlets pertaining to water resources development in individual States; lists of installations and activities administered by the Office of the Chief of Engineers.

Information Services: Answers inquiries.

ARMY ENVIRONMENTAL HYGIENE AGENCY

Office of the Surgeon General
Edgewood Arsenal, Maryland 21010
(301-676-1000, Ext. 27240)

Areas of Interest: Occupational medicine and toxicology; occupational vision; industrial hygiene engineering and chemistry; health physics; medical electronics, including microwave and laser electronics; medical entomology (field surveys, evaluation of insecticides and dispersal equipment); sanitary engineering; environmental (air and water) pollution; waste disposal.

Holdings: A technical reference library of books and monographs, journals, reports, standards and specifications, and a collection of over 500 unpublished surveys, special studies, investigative reports, and related analytic data.

Information Services: Answers inquiries from military services and from medical and health authorities of other Federal agencies and departments. Inquiries should be submitted through TSG, DA, ATTN: MEDPS-P, Washington, D. C., 20315.

DEPARTMENT OF THE INTERIOR

The Department of the Interior is concerned with the management, conservation, and development of the natural resources of the United States. These resource areas include the public lands, minerals, fish and wildlife and parks, water and power development, and water pollution control.

BUREAU OF COMMERCIAL FISHERIES

Fish and Wildlife Service
Room 3356
Washington, D. C. 20240
(202-343-1100)

As one of two Bureaus comprising the Department's Fish and Wildlife Service, the Bureau of Commercial Fisheries shares, with the Bureau of Sport Fisheries and Wildlife, responsibility for the development, conservation, and utilization of the Nation's fish and wildlife resources. It is specifically responsible for commercial fisheries, including whales, seals, and sea lions.

Areas of Interest: Fish ecology and population dynamics; oceanography; marine, estuarine, and freshwater ecology; establishment of fish populations; economics of harvest, processing, marketing, and consumption of commercial fishes; exploration and surveillance of fish stock abundance and distribution; shellfish culture and management; sea lamprey research and control; fish disease; behavior, genetics, distribution, and classification; efficient harvest techniques; water quality criteria and standards; ecology and limnology of lakes, streams, and reservoirs; pesticide research; botulism; river basin studies.

Publications: Commercial Fisheries Review (monthly); Commercial Fisheries Abstracts (monthly). Research information is disseminated in the following series: Fishery Bulletins, Fishery Industrial Research, Special Scientific Reports, Data Reports, Statistical Digests, Situation and Outlook Reports.

Information Services: Answers inquiries. Information on the Bureau's current projects and research may be obtained from the regional offices whose addresses are given below. (The regional offices maintain libraries of agency publications, popular publications, and statistics pertaining to commercial fisheries, all of which are accessible for on-site use.)

U. S. Bureau of Commercial Fisheries
1319 2nd Avenue
Seattle, Washington 98101
(206-682-3300)

U. S. Bureau of Commercial Fisheries
Federal Office Bldg., 6th Floor
144 First Avenue, South
St. Petersburg, Fla. 33701
(813-893-3141)

U. S. Bureau of Comm. Fisheries
14 Elm Street
Gloucester, Mass. 01930
(617-283-6410)

U. S. Bureau of Comm. Fisheries
5 Research Drive
Ann Arbor, Michigan 48104
(313-662-5529)

U. S. Bureau of Comm. Fisheries
P. O. Box 1668
Juneau, Alaska 99801
(907-586-7223)

U. S. Bureau of Comm. Fisheries
Room 2016
300 S. Ferry Street
Terminal Island, Calif. 90731
(213-831-9275)

U. S. Bureau of Comm. Fisheries
2570 Dole Street
Honolulu, Hawaii 96812
(808-946-2181)

BIOLOGICAL LABORATORIES

The installations listed below conduct biological research on various commercial marine and freshwater fish and shellfish, including marine mammals (whales and fur seals) and associated organisms. This includes studies on life history and abundance, effects of pollution (radioactive materials and pesticides), control of predators and diseases, behavior, effect of impoundments, development of devices to pass fish over dams, taxonomy, and application of research data to the improvement of the fishing industry. Their areas of research include oceanography, limnology, ecology, physiology, population dynamics, chemistry, diseases, plankton, and fish farming.

Each of the installations has an aquatic science library, and many maintain collections of aquatic life and files of maps and charts, films, photographs, and slides.

All installations will answer inquiries; most make referrals and permit on-site use of their collections. Many provide analytical, testing, identification, and consulting services, and prepare short lists of literature citations in response to specific inquiries.

Installation	Research Areas
U. S. Bur. of Comm. Fisheries Biological Laboratory P. O. Box 155 Auke Bay, Alaska 99821 (907-789-7231)	Bottomfishes Salmon and herring King crab Fishery oceanography Pesticides
U. S. Bur. of Comm. Fisheries Calif. Current Resources Lab. P. O. Box 271 La Jolla, Calif. 92038 (714-453-2820)	Sardine Anchovy Hake Other Commercial fishes of California Current

U. S. Bur. of Comm. Fisheries Tuna Resources Lab. P. O. Box 271 La Jolla, Calif. 92038 (714-453-2820)	Pacific tuna behavior and forecasting Sonar studies
U. S. Bur. of Comm. Fisheries Biological Lab. 450-B Jordan Hall Stanford, Calif. 94503 (415-322-3164)	Fishery oceanography Pacific sea level studies Oceanographic observations from ships of opportunity
U. S. Bur. of Comm. Fisheries Biological Lab. Milford, Conn. 06460 (203-878-2459)	Clam and oyster culture Shellfish predators
U. S. Bur. of Comm. Fisheries Biological Lab. Sabine Island Gulf Breeze, Fla. 32561 (904-932-2249)	Pesticides
U. S. Bur. of Comm. Fisheries Biological Lab. 75-33rd Ave. St. Petersburg Beach, Fla. 33706 (813-360-7096)	Estuarine studies
U. S. Bur. of Comm. Fisheries Tropical Atlantic Biological Lab. 75 Virginia Beach Dr. Miami, Fla. 33149 (305-361-5761)	Tropical Atlantic Tuna and oceanography Bait fish species studies Adult fish taxonomy (West Atlantic fishes)
U. S. Bur. of Comm. Fisheries Biological Lab. P. O. Box 280 Brunswick, Ga. 31520 (912-265-2080)	Larval fish taxonomy (West Atlantic fishes) Life history studies
U. S. Bur. of Comm. Fisheries Biological Lab. P. O. Box 3830 Honolulu, Hawaii 96812 (808-946-2181)	Tuna behavior and serology Fishery oceanography
U. S. Bur. of Comm. Fisheries Biological Lab. P. O. Box 128 West Boothbay Harbor, Maine. 04575 (207-633-2221)	Lobsters Herring

U. S. Bur. of Comm. Fisheries Biological Lab. Oxford, Md. 21654 (301-226-5193)	Diseases Surf clams & oyster pond culture Shellfish Advisory Service
U. S. Bur. of Comm. Fisheries Biological Lab. P. O. Box 6 Woods Hole, Mass. 02543 (617-548-5123)	North Atlantic groundfish ecology Sea scallops Benthic fauna of New England Banks
U. S. Bur. of Comm. Fisheries Biological Lab. P. O. Box 640 Ann Arbor, Michigan 48107 (313-663-8461)	Sea lamprey control Great Lakes commercial fishery resources Reservoir commercial fishery resources
U. S. Bur. of Comm. Fisheries Biological Lab. Pivers Island Beaufort, N. C. 28516 (919-728-4595)	Menhaden Blue crab
U. S. Bur. of Comm. Fisheries Radiobiological Lab. Pivers Island Beaufort, N. C. 28516 (919-728-4595)	Radiobiological effects on fish and their environment Estuarine studies
U. S. Bur. of Comm. Fisheries Biological Lab. Building 302, Fort Crockett Galveston, Texas 77550 (713-763-1501)	Shrimp Gulf oceanography Estuarine studies
U. S. Bur. of Comm. Fisheries Biological Lab. 2725 Montlake Blvd., East Seattle, Wash. 98102 (206-583-4635)	Salmon Bottomfishes Fishery oceanography
U. S. Bur. of Comm. Fisheries Fish Passage Research Lab. 2725 Montlake Blvd., East Seattle, Wash. 98102 (206-583-4635)	Salmon River ecology Fish passage over dams
U. S. Bur. of Comm. Fisheries Marine Mammal Research Lab. Building 192, Sand Point NAS Seattle, Wash. 98155 (206-523-0550, Ext. 260)	Whales Fur seals

U. S. Bur. of Comm. Fisheries Ichthyological Lab. Room 57-A, U. S. Nation. Museum Washington, D. C. 20560 (202-381-5749)	Systematic ichthyology and malacology Taxonomy, especially of scombridae, hemiramphidae, belonidate, argentinidate, moridae, brotulidae, gadidae, bathylagidae, pandovidae (mollusks)

Regional Office Substation:

U. S. Bur. of Comm. Fisheries Ichthyological Station Museum Bldg. Stanford Univ. Stanford, Calif. 94305 (415-326-9428)	Ichthyology, especially marine fishes, fishes, sharks, rays, chimaeras

Central Office Substation:

U. S. Bur. of Comm. Fisheries Shellfish Advisory Service Oxford, Md. 21654 (301-226-5193)	Extension service to the industry on oyster farming (practical application of scientific advancement).

BUREAU OF INDIAN AFFAIRS

Public Information Office
1951 Constitution Ave., N. W.
Washington, D. C. 20242
(202-343-9431)

Areas of Interest: American Indians (education, economic and social needs, welfare, training, and employment); industrial and commercial development; irrigation; soil and water conservation; resources inventories and management; forestry and range improvement; road construction and maintenance; school operations; housing and community improvements.

Publications: Some curriculum materials; pamphlets relating to Indian history and contemporary affairs, including some for children; monthly newsletter; progress and technical reports.

Information Services: Answers inquiries; provides organizations and groups with lecture materials, films, filmstrips, and other special program materials relating to contemporary Indian affairs; maintains professional press relations service; issues news releases.

BUREAU OF LAND MANAGEMENT

18th and E Sts., N. W.
Washington, D. C. 20240
(202-343-5717)

Areas of Interest: Range and forest management; wildlife habitat management, classification and disposition of lands; protection of lands and resources; cadastral surveying; engineering; mineral leasing; water conservation; watershed management; stabilization of erosion; control of pollutants, sediments, and soluble solids; water control through construction of small dams; water quality; hydrology; flood prevention; phreatophyte control.

Holdings: Manuals, standards, and specifications.

Publications: Our Public Lands (quarterly); Public Land Statistics (annual); BLM Newsletter (for internal distribution).

Information Services: Answers inquiries. Visual and audiovisual materials spotlighting various Bureau activities may be obtained through the Bureau's Information Office by reproduction or loan.

BUREAU OF OUTDOOR RECREATION

19th and C Sts., N. W.
Washington, D. C. 20240
(202-343-5795)

Areas of Interest: Outdoor recreation needs and resources; natural beauty; Nationwide Recreation Plan; Land and Water Conservation Fund; river basin studies; water resources projects.

Holdings: Extensive project files and reference collection of published technical literature.

Publications: Directory of Private Organizations Providing Assistance in Outdoor Recreation; and two handbooks, Federal Assistance in Outdoor Recreation and Guides to Outdoor Recreation Areas and Facilities.

Information Services: Answers inquiries; makes referrals; provides consulting service to States, political subdivisions, and private interests. Project files may be used by special permission.

BUREAU OF RECLAMATION

Office of Engineering Reference
Bldg. 67, Denver Federal Center
Denver, Colorado 80225
(303-322-3611)

The Bureau investigates and develops plans for potential projects to regulate, conserve, and utilize water and related land resources. It designs and constructs authorized projects, and operates and maintains projects and project facilities. Primary emphasis is on reclamation of arid and semiarid lands in the Western States.

Areas of Interest: Irrigation; municipal and industrial water supply; generation, transmission, and sale of hydroelectric energy; flood control; river regulation; navigation improvements; sediment control; salinity and pollution abatement; dams; concrete and constituents thereof; hydraulics, including studies of spillways, outlet works, sediment-control structures; water conveyance systems, water-measurement devices, and flow in aquifers; soil embankments and soil and rock foundations; geology; soils and water for agricultural purposes; protective coatings and bituminous materials; corrosion problems; special techniques such as X-ray diffraction, chemical and thermal analysis of materials, and the application of radioisotopes; phreatophyte and aquatic weed control; runoff forecasting; economic analyses of resource areas and water yields; efficient uses of water; water quality and pollution control; methods for reducing evaporation and seepage losses; atmospheric water resources research.

Holdings: A technical library of books, journals, and reports, including material in foreign languages. (The Denver Information Storage and Retrieval Center is building an information retrieval capability.)

Publications: Reclamation project data, reclamation instructions, RECAP (Reclamation's Current Awareness Program), water resources technical publications, design standards, manuals and tables, technical records of design and construction, and engineering monographs. A list of publications will be furnished on request.

Information Services: Answers inquiries. Published materials are accessible to scientific and technical personnel outside the Bureau. Material is available for interlibrary loan, with the exception of proprietary information. Reference and bibliographic services are provided to Bureau personnel and to Government agencies engaged in cooperative projects with the Bureau. Limited translation capabilities are available in French, Russian, German, and Spanish. Personal visits may be made to the Bureau's regional offices, or written inquiries may be directed to Regional Directors, Bureau of Reclamation, at the following addresses:

Reclamation Bldg., Fairgrounds
P. O. Box 8008
Boise, Idaho 83707

Fulton and Marconi Aves.
P. O. Box 15011
Sacramento, Calif. 95813

Administration Bldg.
P. O. Box 427
Boulder City, Nev. 89005

125 South State St.
P. O. Box 11568
Salt Lake City, Utah 84111

Old Post Office Bldg.
7th and Taylor Sts.
P. O. Box 1609
Amarillo, Texas 79105

316 North 26th Street
P. O. Box 2553
Billings, Mont. 59103

Building 20
Denver Federal Center
Denver, Colo. 80225

BUREAU OF SPORT FISHERIES AND WILDLIFE

Fish and Wildlife Service
18th and C Sts., N. W.
Washington, D. C. 20240
(202-737-1820)

As one of two Bureaus comprising the Department's Fish and Wildlife Service, the Bureau of Sport Fisheries and Wildlife shares, with the Bureau of Commercial Fisheries, responsibility for the development, conservation, and utilization of the Nation's fish and wildlife resources. It is specifically responsible for wild birds, mammals (except whales, seals, and sea lions), and sport fisheries.

DIVISION OF ENGINEERING

Fish and Wildlife Service
Bureau of Sport Fisheries and Wildlife
18th and C Sts., N. W.
Washington, D. C. 20240
(202-343-2949)

Areas of Interest: Engineering aspects of sport fisheries and wildlife conservation; water rights laws; water losses from ground seepage and evapotranspiration; construction of pipelines, flumes, conveyance channels, and other diversion, distribution, or impoundment structures.

Information Services: Answers inquiries; makes referrals.

DIVISION OF FISHERY RESEARCH

Fish and Wildlife Service
Bureau of Sport Fisheries and Wildlife
777 14th St., N. W.
Washington, D. C. 20005
(202-343-2639)

Areas of Interest: Ecology of Federal reservoirs; water quality; effect of water environment on abundance, distribution, and migration of fish; conservation of fish; effects of pollution on the aquatic environment; harvest of marine big game fish; diseases and nutrition of food and recreational fish species; fish genetics.

Information Services: Answers inquiries; makes referrals.

DIVISION OF FISHERY SERVICES

Fish and Wildlife Service
Bureau of Sport Fisheries and Wildlife
777 14th St., N. W., Room 439
Washington, D. C. 20005
(202-343-4786)

Areas of Interest: Protection and preservation of the Nation's sports fishery resources; water quality improvement through pollution-abatement measures; surveillance of the use of pesticides in river basins; fisheries management programs on Indian and military lands.

Information Services: Answers inquiries; makes referrals.

FISH-PESTICIDES RESEARCH LAB.

Fish and Wildlife Service
Bureau of Sport Fisheries and Wildlife
Route 1
Columbia, Mo. 65201
(314-442-2271)

Areas of Interest: Effects of pesticides on fishes; relationship between fishes, fish food, water, and pesticides; prediction of effects of chemical treatment of water.

DEPARTMENT OF THE INTERIOR LIBRARY

National Library of Natural Resources
18th and C Sts., N. W.
Washington, D. C. 20240
(202-343-5815)

The Department of the Interior Library provides regular services to all bureaus and offices of the Dept. in the Washington area with the exception of the Geological Survey and the Office of Geography, each of which maintains a separate library facility. The Library also serves Dept. of the Interior field offices as requested.

Areas of Interest: Conservation; research in and development of natural resources (domestic and foreign), including minerals, water, fish, and wildlife; public lands; American art and history, with emphasis on the Civil War and on areas designated as national monuments or of national historic interest; parks (national, State, local, and foreign); outdoor recreation, including recreation areas, facilities, and outdoor sports; American Indians (history, legal aid, social and economic development); territories administered by the U. S.; hydroelectric power and irrigation (domestic and foreign); law and legislation.

Holdings: More than 500,000 books; periodicals, documents, translations, and microfilms. The Library is the official depository for all Dept. publications. It maintains a small rare book collection, with emphasis on the field of natural history.

Publications: Periodical accessions list; bibliographies; thesauri, indexes in outdoor recreation and federally aided projects in sport fish and wildlife.

Information Services: Answers inquiries; makes referrals, provides "table of contents" services in periodicals in the fields of management, water resources, and law; makes interlibrary loans; provides reproduction services and translation-searching services.

FEDERAL WATER POLLUTION CONTROL ADMINISTRATION

This organizational unit of the Department of the Interior (formerly a part of the Department of Health, Education, and Welfare) administers a national program to enhance the quality and value of the Nation's water resources.

Regional Offices

Northeast Region
John F. Kennedy Fed. Bldg.
Room 2303
Boston, Mass. 02203
(617-223-7210)

Middle Atlantic Region
918 Emmet Street
Charlottesville, Va. 22901
(703-296-1376)

Southeast Region
1421 Peachtree Street, N. E.
Suite 300
Atlanta, Georgia 30309
(404-526-5727)

Great Lakes Region
33 East Congress Parkway
Room 410
Chicago, Illinois 60605
(312-353-5250)

Ohio Basin Region
Robert Taft Engineering Center
Cincinnati, Ohio 45226

Missouri Basin Region
911 Walnut Street - R. 702
Kansas City, Missouri 64106
(816-374-5493)

South Central Region
1402 Elm St., Third Floor
Dallas, Texas 75202
(214-749-2161)

Southwest Region
100 McAllister Street
Room 1219
San Francisco, Calif. 94102
(415-556-5876)

Northwest Region
Room 501, Pittock Block
Portland, Oregon 97205
(503-226-3914)

Holdings: More than 500,000 books; periodicals, documents, translations, and microfilms. The Library is the official depository for all Dept. publications. It maintains a small rare book collection, with emphasis on the field of natural history.

Publications: Periodical accessions list; bibliographies; thesauri, indexes in outdoor recreation and federally aided projects in sport fish and wildlife.

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Great Lakes Region
33 East Congress Parkway
Room 410
Chicago, Illinois 60605
(312-353-5250)

Ohio Basin Region
Robert Taft Engineering Center
Cincinnati, Ohio 45226

Missouri Basin Region
911 Walnut Street - R. 702
Kansas City, Missouri 64106
(816-374-5493)

South Central Region
1402 Elm St., Third Floor
Dallas, Texas 75202
(214-749-2161)

Southwest Region
100 McAllister Street
Room 1219
San Francisco, Calif. 94102
(415-556-5876)

Northwest Region
Room 501, Pittock Block
Portland, Oregon 97205
(503-226-3914)

Laboratories

Alaska Water Laboratory
University of Alaska Campus
College, Alaska 99735
(CML: 907-479-2252)

National Water Quality Laboratory
6201 Congdon Blvd.
Duluth, Minnesota 55804
(FTS: 218-727-6548)

Robert A. Taft Sanitary Engineering Center
4676 Columbia Parkway
Cincinnati, Ohio 45226
(FTS: 513-871-6225)

Robert S. Kerr Water Research Center
P. O. Box 1198
Ada, Oklahoma 74820
(FTS: 405-332-8800)

Pacific Northwest Water Laboratory
200 South 35th Street
Corvallis, Oregon 97330
(FTS: 503-752-4314)

National Marine Water Quality Laboratory
Liberty Lane at Fairgrounds Road
P. O. Box 277
West Kingston, Rhode Island 02892
(FTS: 401-789-9725)

Southeast Water Laboratory
College Station Road
Athens, Georgia 30601
(FTS: 404-548-3536)

DIVISION OF POLLUTION SURVEILLANCE

Mailing Address:
Fed. Water Pollution Control Admin.
Washington, D. C. 20242
(703-557-7643)

Areas of Interest: Chemical, physical, biological, and radiological characteristics of water, including organic chemical content (Pesticides, detergents, etc.), coliform organisms, plankton, and benthos populations; intro- and inter-laboratory analytical quality control; continuous electronic monitoring and telemetry of water quality data; sources and effects of pollutants on streams; municipal and industrial waste treatment and control facilities; pollution-caused fishkill statistics; water supply facilities; sewerage and waterworks construction and financing; computer storage, retrieval, and evaluation of water quality data; related water pollution control information.

Publications: Compilation of Water Quality Data (annual 1957-63, irregular thereafter); Sewage and Water Works Construction (annual); Water and Sewer Bond Sales; Pollution-Caused Fishkills; Inventory of Municipal Water Facilities and Inventory of Municipal Waste Facilities (every five years).

Information Services: Performs extensive statistical operations on water quality data, using electronic storage and retrieval system (service is available to Government agencies only); provides specialized chemical analyses for Federal Government agencies on a fee and facilities-available basis; conducts analytical quality control programs; conducts seminars and refresher courses on laboratory techniques, instrumentation, and data storage and retrieval.

DIVISION OF RESEARCH AND TRAINING GRANTS

Fed. Water Pollution Control Admin.
8120 Woodmont Avenue
Bethesda, Maryland 20014
(301-495-6375)

Areas of Interest: Indexing, storage and retrieval of research documents; index terms in the field of water supply, treatment, and pollution, and waste treatment and disposal.

Holdings: Approximately 6,000 documents pertaining to research conducted by recipients of the agency's grants.

Information Services: Provides reference services for Government agencies, professionals, and private institutions. Progress and final reports are available only by permission of grantee.

DIVISION OF TECHNICAL SERVICES

Mailing Address:
Fed. Water Pollution Control Administration
Washington, D. C. 20242
(703-557-7651)

Areas of Interest: Mathematical models of river basin and estuarine waters; pollution from municipal and industrial sources; sources of mineral pollutants; fishkills; streamflow regulation; methods and costs of water supply and waste-water treatment; water reuse.

Holdings: Report files on Federal reservoir projects, stream studies, and special projects undertaken by the Division.

Publications: Technical reports.

Information Services: Answers inquiries relating to Division programs; other inquiries are referred. Technical assistance, including field and laboratory studies, is provided to industries, municipalities, and State, interstate, and Federal agencies. Lecturers are provided in the Division's areas of interest.

DIVISION OF RESEARCH AND DEVELOPMENT

Mailing Address:
Fed. Water Pollution Control Administration
Washington, D. C. 20242
(703-557-7397)

Areas of Interest: Treatment of water supplies and waste water; sources and fate of pollutants; stream pollution; sewage wastes and treatment; water quality control; water requirements; water conservation; salt water intrusion; mine drainage; water-borne wastes from municipalities; industries, agriculture, mining, ships, and other sources.

Holdings: Small working collection of books, journals, and technical reports.

Information Services: Answers inquiries on water pollution control research; makes referrals. The reference collection is not open to the public, but interlibrary loans are made to Government agencies. Inquiries on water pollution are answered by the research and development staffs in Washington at the above location, and at seven water pollution control laboratories located in: Cincinnati, Ohio; Narragansett, R.I.; Athens, Ga.; Ada, Okla.; College, Alaska; Corvallis, Oreg.; and Duluth, Minn.

OHIO BASIN REGION -- LIBRARY

Robert A. Taft Sanitary Engineering
Center Building
4676 Columbia Parkway
Cincinnati, Ohio 45226
(513-871-1820)

Areas of Interest: Water pollution (prevention and control, training of professional personnel in these areas); enforcement of water pollution regulations; construction of waste treatment works.

Holdings: Books, journals, and pamphlets.

Publications: Acquisition lists.

Information Services: Answers inquiries, makes referrals; makes interlibrary loans; prepares reproductions of materials on request. Collections are accessible for on-site use by all researchers.

PUBLIC INFORMATION OFFICE

Mailing Address:
Fed. Water Pollution Control Administration
Washington, D. C. 20242
(703-557-7604)

Areas of Interest: Programs and policies of the FWPCA.

Holdings: A small reference collection of technical reports, speeches, and papers delivered by officials of the agencies, and public information material.

Publications: Brochures describing the national water pollution problem (a publications list is available.)

Information Services: Answers inquiries; issues press releases on program developments; explains the agency's programs and policies to the press and public; produces fact sheets, pamphlets, films, exhibits, photographs, and other public information materials. Copies of agency publications are available on request; other materials are available on a loan basis.

GEOLOGICAL SURVEY

18th and F Streets, N. W.
Washington, D. C. 20242
(202-343-3888)

The Geological Survey's primary responsibilities are: the determination, appraisal, and conservation of the Nation's mineral and water resources; the delineation of the physical features of the U. S., its territories and possessions; the supervision of mineral, oil, and gas leases on Federal and Indian lands; and the classification of the public lands for mineral and waterpower potential. To attain these objectives, the Survey prepares maps, collects and interprets data on mineral and water resources, performs fundamental and applied research in the sciences and techniques involved, and publishes and disseminates the results of its investigations in maps and reports.

Areas of Interest: Geology; geophysics; geochemistry; paleontology; paleobotany; ecology; biochemistry; economic geology; geomorphology; seismology; volcanology; mineralogy; petrology; crystallography; geochronology; oceanography; hydrology; water resources; hydraulics; water chemistry; sedimentation; limnology; cartography; geodesy; photogrammetry; geography; water power.

Publications: Publications available for purchase from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, include: Professional Papers; Bulletins; Water-Supply Papers; geophysical Abstracts (monthly); Abstracts of North American Geology (monthly); Geological Survey Research (annual); and Bibliography of North American Geology (annual). A complete list of formal literature prepared by the Geological Survey will be found in Publications of the Geological Survey (annual supplements to this list are available without charge from the Survey headquarters in Washington). Also available without charge: Geological Survey Circulars (research project information) and Summaries of the Hawaiian Volcano Observatory (quarterly). Geologic maps, mineral resources maps and charts, hydrologic investigations atlases, topographic maps, and general or area maps and charts prepared by the Geological Survey are offered for sale. Sales services are described below.

Information Services: Written inquiries should be forwarded to the Director, U. S. Geological Survey, at the address given above. Over-the-counter sales of many Survey publications and maps are handled at the following Public Inquiries Offices:

U. S. G. S.
Room 602, Thomas Bldg.
1314 Wood Street
Dallas, Texas, 75202

U. S. G. S.
Room 8102, Fed. Office Bldg.
125 South State Street
Salt Lake City, Utah 84111

U. S. G. S.
7638 Federal Bldg.
300 North Los Angeles St.
Los Angeles, Calif. 90012

U. S. G. S.
504 Customhouse
555 Battery Street
San Francisco, Calif. 94111

U. S. G. S.
108 Skyline Bldg.
508 2nd Avenue
Anchorage, Alaska 99501

U. S. G. S.
15426 Federal Bldg.
1961 Stout Street
Denver, Colo. 80202

U. S. G. S.
South 157 Howard Street
Spokane, Wash. 99204

These offices are not equipped to handle mail orders for materials. Their principal purpose is to provide convenient public contact points for information concerning the work of the Geological Survey and for obtaining publications and maps. Mail orders for maps and charts covering areas east of the Mississippi should be addressed to the Geological Survey, Washington, D. C. 20242. For area coverage west of the Mississippi, including all of Minnesota and Louisiana, mail orders should be addressed to the Geological Survey, Federal Center, Denver, Colo. 80225. Requests for maps of Alaska, originating in Alaska, may be addressed to the Geological Survey, 310 First Ave., Fairbanks, Alaska 99701.

WATER RESOURCES DIVISION

Geological Survey
18th and F Streets, N. W.
Washington, D. C. 20242
(202-343-5565)

Areas of Interest: National water resources; ground water, including quantity, quality, and availability; streamflow, including quantity, quality, and variability of flow; flood studies; water quality, including movement of contaminants and pollutants, and biological aspects of water chemistry; geochemistry; hydraulics; erosion and sediment transport; evaporation and evaporation suppression; water movement in soils; plant-water relationships; phreatophyte control; lakes; forzen ground; snow; ice; glaciers; estuarine problems; salt-water intrusion; artificial recharge of aquifers; underground waste disposal; industrial and municipal water use and requirements; techniques and instrumentation for hydrologic studies and water resources research.

Holdings: A technical reference file of about 25,000 books, reports, journals, and maps and charts; 252 million items of raw data; 2,000 data compilations; 100,000 water-well core samples; 50 analog models.

Publications: Hydrologic Atlases; Water Resources Review (monthly); State Water Resources Investigations Folders; Circulars; Bibliography of Hydrology (annual); A Primer on Water; A Primer on Ground Water; A Primer on Water Quality.

Information Services: The Division answers general and technical inquiries on water. Extensive files of basic data may be consulted in field offices of the Geological Survey.

NATIONAL FISHERIES CENTER AND AQUARIUM

U. S. Department of the Interior
Room 2228
18th and C Streets, N. W.
Washington, D. C. 20240
(202-343-5868)

The National Fisheries Center and Aquarium was in the planning stage as of early 1967; it is scheduled to open in 1970.

Areas of Interest: Aquarium design and technology; water quality and reuse.

Information Services: Answers inquiries regarding aquarium design and operation; makes referrals to other specialists in the fisheries field.

OFFICE OF WATER RESOURCES RESEARCH

U. S. Department of the Interior
18th and C Streets, N. W.
Washington, D. C. 20240
(202-343-5975)

Areas of Interest: Research, training, and information exchange in the water resources field, as authorized by P. L. 88-379 as amended.

Publications: The Water Resources Research Catalog (listing and describing current research projects); Research and Training in Water Resources (a brochure describing the PL 88-379 program); Water Resources Thesaurus; Bibliography on the Socio-Economic Aspects of Water Resources; state-of-the-art reports on selected water problem areas.

Information Services: Answers inquiries on Officer research programs and on procedures for applying for grants for water resources research under P. L. 88 as amended. (Research projects submitted by an approved water resources research institute in each State and Puerto Rico are supported by annual allotments and matching grant funds. Additional funds are authorized under Title II of the Act for research by competent institutions, organizations, public agencies, and individuals.)

SOUTHEASTERN POWER ADMINISTRATION

U. S. Department of the Interior
Elberton, Ga. 30635
(404-283-3261)

Areas of Interests: Transmission and marketing of hydroelectric power; water resources development.

Information Services: Answers inquiries.

SOUTHWESTERN POWER ADMINISTRATION

U. S. Department of the Interior
P. O. Drawer 1619
Tulsa, Okla. 74101
(918-584-7161)

Areas of Interest: Transmission and marketing of hydroelectric power in wholesale quantities; high-voltage transmission lines; power sales contracts and interchange agreements; water resources development.

Information Services: Answers inquiries.

DEPARTMENT OF THE NAVY

NAVAL CIVIL ENGINEERING LABORATORY

Technical Library
Naval Facilities Engineering Command
Port Hueneme, California 93041
(805-982-5425)

Areas of Interest: Nuclear defense engineering; structural mechanics; construction materials; soil mechanics; airfield pavements; water waves; waterfront structures; amphibious equipment, anchors, and anchoring systems; ocean engineering; polar engineering; high-grade electrical power systems; water supply for advanced bases; deterioration control; paints; protection against marine borers; electromagnetic and acoustic shielding; electromagnetic pulse hardening; power filer performance; portal crane track alignment; operations research.

Holdings: A technical library of about 20,000 reports, 7,000 books and monographs, and 350 journal titles.

Information Services: Answers inquiries; makes interlibrary loans. Services are primarily for Government activities, monprofit institutions, and professional scientists and engineers engaged in Government contracts or nonprofit efforts, but the library collections are accessible for on-site use by the public for serious research.

DEPARTMENT OF TRANSPORTATION

The U. S. Department of Transportation, established 1966, is composed of the U. S. Coast Guard (formerly in the Treasury Department), the Federal Aviation Administration (formerly the Federal Aviation Agency, an independent agency), the Federal Highway Administration (which includes the Bureau of Public Roads, formerly in the Department of Commerce), the Federal Rail Administration (which includes the Alaska Railroad, formerly in the Department of Commerce), and the St. Lawrence Seaway Development Corporation (also a former unit of the Department of Commerce). A sixth agency, the National Transportation Safety Board, whose information resources are not reported here, was in process of organization in early 1967.

CHEMICAL ENGINEERING BRANCH

Office of Merchant Marine Safety
U. S. Coast Guard
1300 E. Street, N. W.
Washington, D. C. 20591
(202-964-5534)

Areas of Interest: Chemical engineering; safe water transport of chemicals; hazards of chemicals; water pollution from oil, cargo spillage, and sinkage; cargo handling; admeasurement of vessels to determine gross and net tonnages (for assessment of tonnage taxes, etc.); documentation of U. S. vessels and recording of instruments of title, including coastwise trade, fishing, towing, dredging, and salvaging.

Holdings: Marine casualty statistics.

Publications: Regulations, circulars, and technical notes.

Information Services: Answers inquiries; makes referrals.

OFFICE OF PERSONNEL, Medical Division

U. S. Coast Guard
1300 E. Street, N. W.
Washington, D. C. 20591
(202-964-5416)

Areas of Interest: Waste-water treatment; prevention of untreated waste-water discharges from Coast Guard vessels on inland and coastal waters to avoid pollution.

Information Services: Answers inquiries; makes referrals.

SAINT LAWRENCE SEAWAY DEVELOPMENT CORPORATION

Seaway Circle
Massena, N. Y. 13662
(315-764-0271)

Under the supervision of the Secretary of Transportation, the Corporation operates and maintains the St. Lawrence Seaway and administers regulations for the measurement of vessels and cargoes and the rates of charges or tolls levied for its use.

Areas of Interest: Water transportation and tolls; hydropower, shipping of freight by inland waterways; measurement of vessels and cargoes; oil pollution on inland waterways.

Information Services: The Corporation answers inquiries from shippers and potential shippers regarding vessel preclearance procedures, tolls, assessments, and transit times.

FEDERAL POWER COMMISSION

The Federal Power Commission licenses non-Federal hydroelectric developments on navigable waters and lands of the U. S., regulates interstate aspects of the electric power and natural gas industries, and compiles and publishes data pertaining to these industries.

BUREAU OF POWER

Federal Power Commission
441 G Street, N. W.
Washington, D. C. 20426
(202-386-4481)

Areas of Interest: Power costs, rates, development, and use; facilities of utilities; developed and undeveloped hydroelectric power sources; relation of power developments to natural resources, including water and land use, river basin planning, and fish and wildlife conservation.

Holdings: Data on all phases of electric power industry; maps and charts; project records; technical reports.

Publications: National Power Survey (1964); technical, status, appraisal, and rate reports; maps showing locations of electric power facilities.

Information Services: Answers brief inquiries and provides informal technical services on technical matters. Records and publications are accessible for on-site use.

MISSOURI BASIN INTERAGENCY COMMITTEE

Regional Coordinator, USDI
P. O. Box 2530
Billings, Mont. 59103
(406-245-6711, Ext. 6373)

This Committee, composed of representatives of seven Federal agencies and 10 States of the Missouri River Basin Area, coordinates the policies, programs, and activities of these agencies in regard to water and related land research in the Missouri River Basin.

Areas of Interest: Planning for development of water and related land resources; flood control; river basin studies.

Holdings: Hydrologic, power, and land data; alternative plans for future Missouri River Basin development.

Publications: Reports; minutes of Committee meetings.

Information Services: Answers inquiries; makes referrals to appropriate Federal, State, and other organizations or specialists.

NATIONAL OCEANOGRAPHIC DATA CENTER

Navy Yard Annex, Building 160
2nd and M. Streets, S. E.
Washington, D. C. 20390
(202-545-6700)

Administered by the Naval Oceanographic Office and sponsored jointly by 11 Federal organizations, the National Oceanographic Data Center (NODC) is a central repository for the Nation's oceanographic data.

Areas of Interest: Physical, geophysical, geological, chemical, and biological oceanography; related environments; the Continental Shelf; estuaries; underwater photography; information processing and quality control.

Holdings: Bathythermograms and hydrographic cast (or serial station) data for the world oceans on punched cards and magnetic tape (bathythermograph data are continuous traces of temperature vs. depth, to a maximum depth of 900 feet; serial station data include water temperature and salinity; selected water chemistry, seawater density, and sound velocities, at discrete depths); summaries of surface currents, sea surface temperatures, sea state, and waves; drift bottle data; biological data on the distribution and abundance of phytoplankton pigment and of zooplankton and benthic organisms; core, grab, and dredge samples, indexed on punched cards; information

on sediments, heat flow, and mineral resources. The Center's holdings do not duplicate material held by other marine archives; however, the Center will coordinate requests for marine data located both at NODC and other depositories.

Publications: Catalogs of holdings; manuals of instruction for recording data; Newsletter (10 times a year); data reports, atlases, and other data-related publications. A list of publications is available.

Information Services: For a fee, the Center's information specialists will search libraries for bibliographic references, abstracts, and documents. Brief questions on the availability of data and on the marine sciences in general are usually answered free. Data analyses, prepared according to the requester's specifications, are provided to those who do not have the facilities to cope with large volumes of data, usually for a fee. As a free exchange service for those who furnish data to the Center, machine listings of the data on the Center's own standardized forms will be supplied. Copies of data are provided on printouts, punched cards, or magnetic tapes. Study rooms for inspection of data are available (requests for study rooms should be made two weeks in advance.)

PACIFIC SOUTHWEST INTERAGENCY COMMITTEE

c/o Mr. John Harbourne
U.S. Army Corps of Engineers
630 Sansome Street, Rm. 1216
San Francisco, Calif. 94111
(415-556-3113)

This Committee, representing seven Federal agencies and agencies of the States of California, Arizona, Colorado, New Mexico, Utah, Nevada, and Wyoming, coordinates the policies, programs, and activities of these agencies in regard to water and related land research in the Pacific Southwest. A field committee of the Water Resources Council, it covers the Colorado River Basin, the Great Basin and all of California.

Areas of Interest: Water and related land resources planning, research, construction, and development projects; hydrology; water quality; sedimentation; water and land recreation; phreatophyte control.

Publications: Reports of technical subcommittees on water management, phreatophytes, recreation, and coordinated planning; minutes of committee and sub-committee meetings.

Information Services: Answers inquiries; makes referrals to appropriate Federal, State, and other organizations or specialists.

TENNESSEE VALLEY AUTHORITY

The Tennessee Valley Authority (TVA) is a corporation created by act of Congress to conduct a unified program of resource conservation, development, and use to speed the economic development of the Tennessee Valley region.

DIRECTOR OF INFORMATION

Tennessee Valley Authority
New Sprankle Building
Knoxville, Tenn. 37902
(615-522-7181)

Areas of Interest: Water control and navigation on the Tennessee River and its tributaries; flood control; hydroelectric power; dam and steam plant construction; aquatic biology; hydraulic engineering; hydrology; limnology; stream pollution control; water quality; water quantity; water bacteriology; agricultural and forestry practices related to water control.

Publications: TVA Newsletter (weekly); general information publications and films; technical reports and monographs; chemical engineering bulletins.

Information Services: Answers inquiries; makes referrals.

DIVISION OF HEALTH AND SAFETY

Tennessee Valley Authority
715 Edney Building
11th and Market Streets
Chattanooga, Tenn. 37401
(615-265-3551, Ext. 2591)

Areas of Interest: Aquatic biology; reservoir ecology; eutrophication; water quality; water self-purification by aeration and reaeration; effects of impoundages on water quality; water pollution; waste-water disposal; water analysis; water chemistry; water microbiology; water economics.

Information Services: Answers technical inquiries.

DIVISION OF WATER CONTROL PLANNING

Tennessee Valley Authority
Home Federal Building
Market Street
Knoxville, Tenn. 37902
(615-522-7181, Ext. 664)

Areas of Interest: Water resources, conservation, and use in the Tennessee Valley; flood control; hydroelectric power; hydraulic engineering; irrigation; navigation; regulation of water quality; low-flow augmentation of water supplies; recreational use of water resources; droughts; evaporation; fluid mechanics; hydrology; hydrometeorology; water instrumentation; precipitation; runoff; streamflow forecasting; sedimentation; rain and snow; water data telemetry watersheds.

Publications: Technical reports and pamphlets.

Information Services: Answers inquiries. Records may be used by researchers.

OFFICE OF POWER

Tennessee Valley Authority
Power Building
Chattanooga, Tenn. 37401
(615-755-2864)

Areas of Interest: Water sources for hydroelectric and steam-electric generation; dam and steam plant construction; water pollution control; rain and runoff; reservoir storage; sedimentation; waterflow measurements; treatment of water for boiler use; corrosion; hydraulics; evaporation; evapotranspiration; droughts; hydrometeorology; ground water; ground-water recharge.

Publications: Reports and descriptive folders.

Information Services: Answers inquiries; makes referrals.

TECHNICAL LIBRARY

Tennessee Valley Authority
500 Union Ave., S. W.
Knoxville, Tenn. 37902
(615-522-7181, Ext. 549)

Areas of Interest: Tennessee Valley resources development; flood control, stream and air pollution control; navigation; electric power; forest management and utilization; agricultural and forest economics; mathematics and computers; fertilizers; agronomy; soil chemistry; aquatic biology; engineering (civil, electrical, mechanical, chemical, and nuclear); hydraulics; hydrology; geology; architecture; meteorology.

Holdings: 70,000 books, 1,000 journal and periodical titles, 2,200 reports, 30,000 pamphlets, and 30,000 Government documents, including much historical material on the Tennessee River region and development of its resources. (The Library is the official depository for all reports and studies originating in the TVA). There is a clipping file of 350,000 items, which gives a complete day-by-day history of the TVA.

Publications: Acquisitions lists, indexes, and bibliographies, including two annual bibliographies; Indexed Bibliography of the Tennessee Valley Authority and TVA Program Bibliography.

Information Services: Makes interlibrary loans. The collections are accessible for on-site use. Library services are also available from the two branch libraries, located at Muscle Shoals, Ala. 35661, (205-383-4631) and Chattanooga, Tenn. 37401 (615-265-3551).

WATER RESOURCES COUNCIL

1025 Vermont Ave., N. W.
Washington, D. C. 20005
(202-382-6104)

The Council, composed of the Secretaries of the Interior, Agriculture, Army, Transportation, and Health, Education, and Welfare, and the Chairman of the Federal Power Commission, maintains a continuing study of U. S. water resources and makes grants to States for comprehensive water and related land resources planning.

Areas of Interest: Water resources (Federal planning and action programs); standards and procedures for water resources planning and project evaluation; river basin planning.

Information Services: Answers inquiries regarding Federal water resources policy and planning; makes referrals.

GOVERNMENT-SPONSORED INFORMATION RESOURCES

APPALACHIAN REGIONAL COMMISSION

1666 Connecticut Ave., N. W.
Washington, D. C. 20235
(202-967-4103)

The Commission, composed of the Governors of the 12 Appalachian States and a Federal co-chairman, plans and coordinates programs for the economic development of the Appalachian region, and supplements Federal grants-in-aid programs existing as of March 9, 1965.

Areas of Interest: Highway construction; public health, vocational education; sewage treatment works; watershed improvement; water resources; conservation; erosion control; acid mine drainage prevention; flood control; timber development; supplementing of Federal grant-in-aid programs existing as of March 9, 1965.

Holdings: State development plans.

Publications: Appalachian Digest (bimonthly); pamphlets.

Information Services: Answers inquiries; makes referrals; provides technical assistance and consulting services to the States.

ARIZONA AGRICULTURAL EXPERIMENT STATION, College of Agriculture

University of Arizona
Tucson, Arizona 85721
(602-884-2711)

Areas of Interest: General agriculture; agricultural chemistry, biochemistry; botany; entomology; water utilization; watershed management; agronomy (soils, horitculture, plant breeding, plant pathology); animal pathology; animal science; dairy science; poultry science; agricultural economics, education, and engineering; home economics.

Publications: Progressive Agriculture in Arizona (bimonthly); progress reports and technical bulletins.

Information Services: Answers inquiries; makes referrals.

MASSACHUSETTS AGRICULTURAL EXPERIMENT STATION

University of Massachusetts
Amherst, Mass. 01002
(413-545-2766)

Areas of Interest: Agricultural and food economics; agricultural engineering; environmental biology; natural resources (use and planning); water pollution; wood technology; recreation resources; agronomy; dairy science; animal science; entomology; plant pathology; food science and technology; forestry; wildlife management; horticulture; agricultural and industrial microbiology; veterinary science; poultry science; farm management.

Publications: Technical reports.

Information Services: Answers inquiries; makes referrals; provides consulting services.

MONTANA FOREST AND CONSERVATION EXPERIMENT STATION

School of Forestry
University of Montana
Missoula, Mont. 59801
(406-243-5272)

Areas of Interest: Forestry; wood technology; wildlife; hydrology; soil and water conservation.

Holdings: Library of books, journals, and bulletins; samples of tree cores, woods, plants, and soils.

Publications: Bulletins and research notes; acquisitions list (monthly and biennial).

Information Services: Answers inquiries; makes referrals; provides consulting services; provides analytical, testing, and identification services in wood technology.

NEW HAMPSHIRE AGRICULTURAL EXPERIMENT STATION

University of New Hampshire
Durham, New Hampshire 03824
(603-868-5511, Ext. 221)

Areas of Interest: General agriculture; forestry; home economics; plant and animal sciences, resource economics; soil and water science.

Publications: New Hampshire Progress Report (irregular)

Information Services: Answers inquiries; makes referrals; provides consulting services as time and staff permit.

OREGON AGRICULTURAL EXPERIMENT STATION

Oregon State University
Corvallis, Oreg. 97331
(503-754-1251)

Areas of Interest: General agriculture; forestry, fisheries; wildlife; home economics; conservation; soil; water; agricultural commodities; crops (production, processing, and marketing); basic biological sciences.

Publications: Oregon's Agricultural Progress. (four times a year); technical reports.

Information Services: Answers inquiries; makes referrals; provides consulting services.

SOUTH CAROLINA AGRICULTURAL EXPERIMENT STATION

Agricultural Communications Dept.
Clemson Univ., 112 P&AS Building
Clemson, S. C. 29631
(803-654-2421, Ext. 270)

Areas of Interest: General agriculture; production, marketing, and utilization of crops and livestock; home economics; insects; diseases of plants and animals; soils; water use.

Publications: Clemson University Agricultural Research (quarterly); technical reports and bulletins; news releases.

Information Services: Answers inquiries; makes referrals; provides consulting service.

VIRGINIA POLYTECHNIC INSTITUTE, Research Division--Agricultural and Life Science Research (Formerly Virginia Agricultural Experiment Station)

Virginia Polytechnic Institute
Blacksburg, Va. 24061
(703-552-6697)

Areas of Interest: General agriculture; soil; water; field crops; fruits and vegetables; livestock; poultry; food technology; nutrition; farm buildings; agricultural economics.

Holdings: An extensive library of books (110,000 volumes), journals, and reports.

Publications: Technical reports and bulletins.

Information Services: Answers inquiries; makes referrals; provides consulting services.